

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/BR2004/000195

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B60R22/10 B60N2/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B60R B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 074 588 A (HUSPEN FRED) 24 December 1991 (1991-12-24) abstract; figures 1-5 column 1, line 6 - line 55 column 2, line 58 - column 3, line 14 column 3, line 38 - column 4, line 38	1-7
Y	US 2003/188400 A1 (MENDENHALL ANDREW B ET AL) 9 October 2003 (2003-10-09) paragraphs '0001! - '0004!, '0025! - '0029!; figures 1,2 abstract	1-7
A	US 4 685 741 A (YOSHITSUGU NORITADA ET AL) 11 August 1987 (1987-08-11) abstract; figures 1-4	1-7
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

9 December 2004

Date of mailing of the international search report

27/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 162 864 A (OUELLETTE ALFRED J) 29 December 1964 (1964-12-29) abstract; figures 1-5	1-7
A	US 3 922 035 A (WENER HYMAN) 25 November 1975 (1975-11-25) abstract; figures 1-7	1-7
A	US 3 604 750 A (DOERING ESTHER W) 14 September 1971 (1971-09-14) abstract; figures 1-8	1-7
A	US 3 737 923 A (PROLO D) 12 June 1973 (1973-06-12) abstract; figures 1-6	1-7

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/BR2004/000195

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5074588	A	24-12-1991	CA 2054801 A1	03-05-1992
US 2003188400	A1	09-10-2003	CA 2421706 A1	03-10-2003
US 4685741	A	11-08-1987	JP 4046985 Y2 JP 61124435 U	06-11-1992 05-08-1986
US 3162864	A	29-12-1964	NONE	
US 3922035	A	25-11-1975	US RE29841 E	21-11-1978
US 3604750	A	14-09-1971	NONE	
US 3737923	A	12-06-1973	NONE	